

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	6	("5027191" "6483187" "6525942").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S65	4	("6020629" "6528882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S66	10	("4835598"   "5130771"   "5640048"   "5959356"   "6206997"   "6282094"   "6325272").PN. OR ("6528882").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S67	31	("5285352"   "5583377"   "5642261"   "5741729"   "5825628"   "5942795"   "5959356"   "6008536"   "6023098"   "6034427"   "6038137"   "6117705"   "6125042").PN. OR ("6282094").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S68	9	("5027191"   "5710459"   "5741729"   "6212076"   "6282094"   "6483187"   "6525942"   "6657864"   "6882537").PN. OR ("6954360").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S69	6	S68 not S64	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S70	9	("5027191"   "5710459"   "5741729"   "6212076"   "6282094"   "6483187"   "6525942"   "6657864"   "6882537").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S71	0	(3061/704).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S72	2899	(361/704).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S73	120	S72 and die with pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11

## EAST Search History

S74	540	(257/670).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S75	18101	<i>pad with finger</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S76	50	S74 and <i>pad with finger</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S77	9733	(257/66\$1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S78	328	S77 and <i>pad near5 finger</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S79	304	S78 not S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S80	246	S78 not S76	USPAT	OR	ON	2006/11/10 15:11
S81	74	("5479050"   "5594234"   "5663597").PN. OR ("6211462"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S82	8832	(257/67\$1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S83	365	S82 and <i>pad near5 finger</i>	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11

## EAST Search History

S84	191	S83 not S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S85	18101	pad with finger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S86	11870	pad near5 finger	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S87	8832	S82 S74	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S88	365	S87 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S89	0	S88 not ( S84 S81 S79 S78)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S90	7641	pad near5 tip	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S91	747	S90 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S92	716	S91 not ( S84 S81 S79 S78)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11

## EAST Search History

S93	6755	S90 not S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S94	176	S87 and S93	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S95	176	S94 not ( S84 S81 S79 S78)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S96	2546	(IC chip die integrated near1 circuit semiconductor siliocn) near2 pad near5 (phalange thumb tip finger tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S97	2147	S96 not S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S98	2169	(IC chip die integrated near1 circuit semiconductor siliocn) near2 pad near4 (phalange thumb tip finger tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S99	1818	S98 not S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S100	685	(IC chip die integrated near1 circuit semiconductor siliocn) near1 pad with (extend\$3 attach\$3 prolong\$3) with (phalange thumb tip finger tip)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S101	15246	((IC chip die integrated near1 circuit semiconductor siliocn) near1 pad ). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11

## EAST Search History

S10 2	272	S100 and S101	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 3	216	S102 not ( S84 S81 S79 S78 S95)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 4	139	S102 and (PCB board BGA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 5	108	S104 not ( S84 S81 S79 S78)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 6	503	((IC chip die integrated near1 circuit semiconductor siliocn) near2 pad near4 (phalange thumb tip finger tip)).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 7	388	S106 not (S103 S84 S81 S79 S78)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 8	1	S104 and S107	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S10 9	86	S107 and (PCB board BGA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 0	1419	((IC chip die integrated near1 circuit semiconductor siliocn) with pad with (phalange thumb tip finger tip))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 1	879	((IC chip die integrated near1 circuit semiconductor siliocn) near2 pad with (phalange thumb tip finger tip))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11

## EAST Search History

S11 2	1866277	((IC chip die integrated near1 circuit semiconductor siliocn) near1 pad with (phalange thumb tip finger tip))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 3	600	((IC chip die integrated near1 circuit semiconductor siliocn) near1 pad with (phalange thumb tip finger tip))	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 4	388	S113 not S107	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 5	78	S113 and (PCB board BGA)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 6	12	("4362899"   "4890155"   "5194833").PN. OR ("5373187"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S11 7	199	(IC chip die integrated near1 circuit semiconductor siliocn) near2 pad same PWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 8	0	((IC chip die integrated near1 circuit semiconductor siliocn) near1 pad with (phalange thumb tip finger tip)) same PWB	EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S11 9	26	((IC chip die integrated near1 circuit semiconductor siliocn) near1 pad with (phalange thumb tip finger tip)) same PWB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:11
S12 0	28	("4551746"   "4551747"   "5089881"   "5218230"   "5513076").PN. OR ("5691568").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S12 1	76	("5519576"   "5672909"   "5691568").PN. OR ("5903050"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11

## EAST Search History

S12 2	297	( "20010008305"   "20010014538"   "20020011654"   "20020027297"   "20020140061"   "20020140068"   "20020163015"   "20030030131"   "20030073265"   "2596993"   "3435815"   "3734660"   "3838984"   "4054238"   "4189342"   "4258381"   "4289922"   "4301464"   "4332537"   "4417266"   "4451224"   "4530152"   "4541003"   "4646710"   "4707724"   "4727633"   "4737839"   "4756080"   "4812896"   "4862245"   "4862246"   "4907067"   "4916519"   "4920074"   "4935803"   "4942454"   "4987475"   "5018003"   "5029386"   "5041902"   "5057900"   "5059379"   "5065223"   "5070039"   "5087961"   "5091341"   "5096852"   "5118298"   "5151039"   "5157475"   "5157480"   "5168368"   "5172213"   "5172214"   "5175060"   "5200362"   "5200809"   "5214845"   "5216278"   "5218231"   "5221642"   "5250841"   "5252853"   "5258094"   "5266834"   "5273938"   "5277972"   "5278446"   "5279029"   "5281849"   "5294897"   "5327008"   "5332864"   "5335771"   "5336931"   "5343076"   "5358905"   "5365106"   "5381042"   "5391439"   "5406124"   "5410180"   "5414299"   "5424576"   "5428248"   "5435057"   "5444301"   "5452511"   "5454905"   "5474958"   "5484274"   "5493151"   "5508556"   "5517056"   "5521429"   "5528076"   "5534467"   "5539251"   "5543657"   "5544412"   "5545923"   "5581122"   "5592019"   "5592025"   "5594274"   "5595934"   "5604376"   "5608265"   "5608267"   "5625222"   "5633528"   "5639990"   "5640047"   "5641997"   "5643433"   "5644169"   "5646831"   "5650663"   "5661088"   "5663593"   "5665996"   "5673479").PN. OR ("5683806"   "5689135"   "5696666"   "5701034"   "5703407"   "5710064"   "5723899"   "5724233"   "5726493"   "5736432"   "5745984"   "5753532"   "5753977"   "5766972"   "5770888"   "5776798"   "5783861"   "5801440"   "5814877"   "5814881"   "5814883"   "5814884"   "5817540"   "5818105"   "5821457"   "5821615"   "5834830"   "5835988"   "5844306"   "5856911"   "5859471"   "5866939"   "5871782"   "5874784"   "5877043"   "5886397"   "5886398"   "5894108"   "5897339"   "5900676"   "5903049"   "5903050"   "5909053"   "5915998"   "5917242"   "5939779"   "5942794"   "5951305"   "5959356"   "5969426"   "5973388"   "5976912"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
11/10/06 4:28:51 PM	"5977613"   "5977615"   "5977630"   C:\Documents and Settings\my4444\My Documents\5977630\worksheets\%10815583.wsp "6001671"   "6013947"   "6018189"				Page 7	

## EAST Search History

S12 3	1	"5594234".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S12 4	30	("4714952"   "5252783"   "5428248"   "5436500"   "5440170").PN. OR ("5594234").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/10 15:11
S12 5	2487	(257/676).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S12 6	1447	(257/691).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:11
S12 7	1476	(438/123).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:34

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1476	(438/123).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/10 15:37
L2	120	1 and finger with die near2 pad	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/10 15:51
L3	492	((pad electrode contact land) and (encomps\$5 encircl\$4 enclos\$4 surround\$4) and ( (IC chip die integrated near1 circuit wafer die semiconductor silicon) near1 pad)). clm.	US-PGPUB	OR	ON	2006/11/10 15:56
L4	16	((pad electrode contact land) and (finger falange) and (encomps\$5 encircl\$4 enclos\$4 surround\$4) and ( (IC chip die integrated near1 circuit wafer die semiconductor silicon) near1 pad)).clm.	US-PGPUB	OR	ON	2006/11/10 15:57
L5	291	((pad electrode contact land) and (finger falange layer film) and (encomps\$5 encircl\$4 enclos\$4 surround\$4) and ( (IC chip die integrated near1 circuit wafer die semiconductor silicon) near1 pad)). clm.	US-PGPUB	OR	ON	2006/11/10 15:57

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